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Information Theory, 2001. Proceedings. 2001 IEEE International Symposium on , 2001

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[\[Abstract\]](#) [\[PDF Full-Text \(96 KB\)\]](#) **CNF****2 Partitioning of spreading sequences for increased minimum distance using CPFSK modulation***Fulghum, T.L.; Miller, S.L.*

Communications, IEEE Transactions on , Volume: 47 Issue: 4 , April 1999

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[\[Abstract\]](#) [\[PDF Full-Text \(84 KB\)\]](#) **JNL****3 New results on optimal error-correcting codes***Ostergard, P.R.J.*

Information Theory and Communications Workshop, 1999. Proceedings of the 1999 IEEE , 1999

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Page(s): 3023 -3038

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**6 A methodology for minimum area cellular automata generation**

*Cardoso, P.S.; Strum, M.; de A. Amazonas, J.R.; Wang Jiang Chau*

Test Symposium, 1998. ATS '98. Proceedings. Seventh Asian , 1998

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[\[Abstract\]](#) [\[PDF Full-Text \(1152 KB\)\]](#) **CNF**

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**7 Some best rate  $1/p$  and rate  $(p-1)/p$  systematic quasi-cyclic codes over GF (3) and GF(4)**

*Gulliver, T.A.; Bhargava, V.K.*

Information Theory, IEEE Transactions on , Volume: 38 Issue: 4 , July 1992

Page(s): 1369 -1374

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**8 Some best rate  $1/p$  and rate  $(p-1)/p$  systematic quasi-cyclic codes**

*Gulliver, T.A.; Bhargava, V.K.*

Information Theory, IEEE Transactions on , Volume: 37 Issue: 3 Part: 2 , May 1991

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[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) **JNL**

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**9 Some new constant weight codes**

*Koschnick, K.-U.*

Information Theory, IEEE Transactions on , Volume: 37 Issue: 2 , March 1991

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[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) **JNL**

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**10 Decoding of severely filtered modulation codes using the (M, L) algorithm**

*Seshadri, N.; Anderson, J.B.*

Selected Areas in Communications, IEEE Journal on , Volume: 7 Issue: 6 , Aug. 1989

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[\[Abstract\]](#) [\[PDF Full-Text \(740 KB\)\]](#) **JNL**

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**Proceedings of the 7th annual conference on Innovation and technology in computer science education** June 2002  
 As an alternative to laboratories for computer science programming courses, the Emporium style of learning environment has advantages for a course concerned with the foundations and principles of computer science. Following the lead from courses in freshman mathematics, this paper describes the active learning and assessment methodologies incorporated into a freshman computer science course. The results have been encouraging, and student acceptance of an alternative approach to learning is impro ...

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 C. T. Yu , W. S. Luk , T. Y. Cheung  
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 A statistical model is presented for the investigation of a practical method used in relevance feedback. A necessary and sufficient condition for the two parameters used in this method to define a better query than the original query is given. A region in the plane of the parameters is shown to satisfy the sufficient condition. While the points for producing optimal queries are not exactly located, they are shown to be lying on a finite portion of a hyperbola. Experimental results support s ...

**3** HAPPI: a chip compiler based on double-level-metal technology 77%  
 Rathin Putatunda , David Smith , Stephen McNeary , James Crabbe  
**Proceedings of the 23rd ACM/IEEE conference on Design automation** July 1986  
 This paper describes a unique fully automatic chip compiler, HAPPI, that uses double-level-metal technology and 3 levels of interconnection to realize high-speed and maximum-density chip designs consisting of a varying mixture of custom and standard-cell macros within a chip topology that guarantees 100% signal and power routing. A heuristic technique for generating placements of "soft macros" that are balanced in both area and connectivity has been presented. A routing approach ...

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 Andrea Bonarini , Gianluca Bontempi**ACM Transactions on Modeling and Computer Simulation (TOMACS)** October 1994

Volume 4 Issue 4

This article deals with simulation of approximate models of dynamic systems. We propose an approach that is appropriate when the uncertainty intrinsic in some models cannot be reduced by traditional identification techniques, due to the impossibility of gathering experimental data about the system itself. The article presents a methodology for qualitative modeling and simulation of approximately known systems. The proposed solution is based on the Fuzzy Sets theory, extending the power of t ...

**6 Precision requirements for digital color reproduction**

77%

 Mike Stokes , Mark D. Fairchild , Roy S. Berns**ACM Transactions on Graphics (TOG)** October 1992

Volume 11 Issue 4

An environment was established to perform device-independent color reproduction of full-color pictorial images. In order to determine the required precision for this environment, an experiment was performed to psychophysically measure colorimetric tolerances for six images using paired comparison techniques. These images were manipulated using 10 linear and nonlinear functions in the CIELAB dimensions of lightness, chroma, and hue angle. Perceptibility tolerances were determined using probi ...

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<b>1</b>	A Survey of Interactive Graphical Systems for Mathematics	80%
	Lyle B. Smith <b>ACM Computing Surveys (CSUR)</b> December 1970 Volume 2 Issue 4	
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	John Michael Williams <b>Proceedings of the 21st national conference</b> January 1966 The UNIVAC 418 system hardware The 418 is a small- to medium-scale real-time computer announced to the general public in September of 1964. It is available in two models, identical except for storage speed (two or four microseconds). Storage and registers	
<b>3</b>	Feedback vertex sets and cyclically reducible graphs	77%
	Ching-Chy Wang , Errol L. Lloyd , Mary Lou Soffa <b>Journal of the ACM (JACM)</b> April 1985 Volume 32 Issue 2 The problem of finding a minimum cardinality feedback vertex set of a directed graph is considered. Of the classic NP-complete problems, this is one of the least understood. Although Karp showed the general problem to be NP-complete, a linear algorithm for its solution on reducible flow graphs was given by Shamir. The class of reducible flow graphs is the only nontrivial class of graphs for which a polynomial-time algorithm to solve this problem is known. The main result of this paper is to ...	
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<b>6</b>	Implicit computation of minimum-cost feedback-vertex sets for partial scan and other applications	77%

Pranav Ashar , Sharad Malik

**Proceedings of the 31st annual conference on Design automation conference June 1994**

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	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	IS&R	2	("5187675") . PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 18:10		
			("3740538"   "4567572"   "4644560"   "4833780"   "4850033"   "4901307"   "4903005"   "4930140"   "4965850"   "502049"   "5056109"   "5101501"   "5103459"   "5109390") . PN.	USPAT	2002/10/03 18:09		
2	BRS	16		USPAT			
3	BRS	16	5187675 .URPN.	USPAT	2002/10/03 18:10		
4	BRS	6	("search circuit" with minimum) same maximum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/03 18:13		
5	BRS	33	"search circuit" with minimum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 11:16		
6	BRS	986	"search circuit"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 11:29		
7	BRS	18	"search circuit" with binary	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 11:29		
8	BRS	1044	"binary decision"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:41		
9	BRS	209	"binary operator"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:43		
10	BRS	715	"partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:43		
11	BRS	0	"binary operator" same "partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:43		
12	BRS	1	"binary decision" same "partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:43		
13	BRS	3	"binary decision" and "partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 17:08		
14	BRS	0	"sesarch tree"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:46		
15	BRS	947	"search tree"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:47		
16	BRS	181	binary adj1 "search tree"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:47		
17	BRS	3	(binary adj1 "search tree") and "partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 15:47		
18	BRS	197	"sort processor"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 17:08		
19	BRS	103	"sort processor" and JP	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 17:09		
20	BRS	0	"sort processor" and "02309365"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/07 17:09		
21	BRS	1	"sort processor" and "04180124"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:50		
22	BRS	112289	data near2 address	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:50		
23	BRS	179	(data near2 address) near2 partial	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:51		
24	BRS	8192	"decision unit"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:51		

Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
25	BRS	((data near2 address) near2 partial) and "decision unit"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:52		
26	BRS	"binary operator"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:53		
27	BRS	((data near2 address) near2 partial) and "binary operator"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:53		
28	BRS	((data near2 address) near2 partial) with tree	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:53		
29	BRS	((data near2 address) near2 partial) same tree	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:53		
30	BRS	((data near2 address) near2 partial) tree	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:57		
31	BRS	257 "computation stage"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:57		
32	BRS	((data near2 address) near2 partial) and "computation stage"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:58		
33	BRS	"decision unit" and "computation stage"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 08:58		
34	BRS	(data near2 address) and "computation stage"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 09:22		
35	BRS	399 optimiz\$8 near3 tree	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 09:22		
36	BRS	29 (optimiz\$8 near3 tree) with search	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 09:23		
37	BRS	19 ((optimiz\$8 near3 tree) with search) and binary	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 09:33		
38	BRS	3 (((optimiz\$8 near3 tree) with search) and binary) and partial	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 09:34		
39	BRS	716 "partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 09:35		
40	BRS	12 ("decision unit" or "binary operator" or "computation stage" or (optimiz\$8 near3 tree) and "partial address")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 09:50		
41	IS&R	2 ("5187675") .PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 11:01		
42	IS&R	1096 (340/146.2) .CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 14:24		
43	BRS	11284 address near2 result	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 14:25		
44	BRS	257 "computation stage"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 14:25		
45	BRS	11 "computation stage" and (address near2 result)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 14:33		
46	BRS	798 "binary operation"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 14:33		
47	BRS	17 "binary operation" with address	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/08 14:33		
48	IS&R	2 ("5710562") .PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/11 09:55		
49	IS&R	4 ("4100532") .PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 17:53		

Type	Hits	Search Text	DBS	Time Stamp	Comments	Error Definition																								
50 BRS	168390	compar\$6 near5 data	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 17:54																										
51 BRS	50377	value nears address	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 17:54																										
52 BRS	902	(compar\$6 near5 data ) with (value near5 address)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 17:54																										
53 BRS	3	((compar\$6 nears data ) with (value near5 address)) with partial	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 17:57																										
54 BRS	8020	(data near2 address) with compar\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 17:58																										
55 BRS	39	((data near2 address) with compar\$6) with partial	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 17:58																										
56 BRS	16	<table border="1"> <tr> <td>"3740538"</td> <td>"4567572"</td> <td>"4644560"</td> <td></td> </tr> <tr> <td>"4783780"</td> <td>"4850033"</td> <td>"4901307"</td> <td></td> </tr> <tr> <td>"4903005"</td> <td>"4930140"</td> <td>"4965850"</td> <td></td> </tr> <tr> <td>"4984247"</td> <td>"502049"</td> <td>"5038399"</td> <td></td> </tr> <tr> <td>"5056109"</td> <td>"5101501"</td> <td>"5103459"</td> <td></td> </tr> <tr> <td>"5109390"</td> <td>PN.</td> <td></td> <td></td> </tr> </table>	"3740538"	"4567572"	"4644560"		"4783780"	"4850033"	"4901307"		"4903005"	"4930140"	"4965850"		"4984247"	"502049"	"5038399"		"5056109"	"5101501"	"5103459"		"5109390"	PN.			USPAT	2002/10/09 18:09		
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57 BRS	16	5187675.URPN.	USPAT	2002/10/09 18:09																										
58 BRS	9	<table border="1"> <tr> <td>"3740538"</td> <td>"4567572"</td> <td>"4644560"</td> <td></td> </tr> <tr> <td>"4783780"</td> <td>"4850033"</td> <td>"4901307"</td> <td></td> </tr> <tr> <td>"4903005"</td> <td>"4930140"</td> <td>"4965850"</td> <td></td> </tr> <tr> <td>"4984247"</td> <td>"502049"</td> <td>"5038399"</td> <td></td> </tr> <tr> <td>"5056109"</td> <td>"5101501"</td> <td>"5103459"</td> <td></td> </tr> <tr> <td>"5109390")</td> <td>PN.) or 5187675.URPN.) and</td> <td></td> <td></td> </tr> </table>	"3740538"	"4567572"	"4644560"		"4783780"	"4850033"	"4901307"		"4903005"	"4930140"	"4965850"		"4984247"	"502049"	"5038399"		"5056109"	"5101501"	"5103459"		"5109390")	PN.) or 5187675.URPN.) and			USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 18:13		
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"5109390")	PN.) or 5187675.URPN.) and																													
59 BRS	35280	"specific value"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 18:13																										
60 BRS	164	"specific value" near5 locat\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 18:14																										
61 BRS	40	("specific value" near5 locat\$5) and partial	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 18:14																										
62 BRS	716	"partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/09 18:14																										
63 BRS	5	("specific value" near5 locat\$5) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/10 11:08																										
64 BRS	16303	"partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/10 11:08																										
65 BRS	253	"neural network"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/10 11:09																										
66 BRS	20	fuzzy ("neural network" with search) with search	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/10 11:09																										
67 BRS	2	("neural network" with search) and "partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/10 11:19																										
68 BRS	717	"partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/10 11:19																										
69 BRS	4	"neural network" and "partial address"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/10 11:23																										
70 BRS	17	("neural network" with search) with compar\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/10 11:26																										

Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
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73 BRS	3	("partial address" with compar\$5) same search	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/11 09:06		
74 IS&R	2	("5710562") .PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/11 09:11		
75 IS&R	2	("4821290") .PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/11 09:13		
76 IS&R	2	("5710562") .PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/11 09:13		
77 IS&R	2	("5187675") .PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/11 09:55		